Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 18 Jan 2022 until 23:59 on Wednesday 19 Jan 2022

Forecast Issued on Monday 17 Jan 2022 at 14:05

Confidence: Remaining quite settled under the influence of high pressure but a return to cold conditions with northwesterly winds by Wednesday. Some frontal rain later on Tuesday adds some uncertainty to the amount of cloud likely and also timings of rain on Wednesday may change.

Headline for Tuesday 18 Jan 2022: A dry, sunny morning, cloudy with some drizzle later.

Mountain weather hazards on Tuesday 18 Jan 2022

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Clear night	Clear night	Sunny	Sunny	Cloudy	Dull	Drizzle
Precipitation probability							
10%	10%	10%	10%	10%	10%	10%	30%

Forecast for Tuesday 18 Jan 2022

Weather: Dry with clear spells overnight, some mist forming. Once mist and any fog patches have cleared it will be dry during the morning with some bright or sunny spells. Clouding over later in the afternoon and cloud thickening enough to give some drizzle or light rain by evening. Outbreaks of mainly light rain continuing during the evening.

Chance of cloud free mountain/hill tops above 600m: 100% decreasing to 70% later in the day in association with rainband.

Visibility: Occasionally poor in mist and fog patches but becoming very good visibility during the morning and most of the afternoon. Later visibility will becoming moderate as cloud thickens, possibly poor in drizzly rain by late afternoon. Rain or drizzle will also be accompanied by increasing low cloud with bases lowering to 500m especially in the south. Cloud will be more scattered around 700m around southern hills during the late afternoon.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Tuesday 18 Jan 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/18 SW	15/19 SW	15/20 SW	16/21 SW	16/22 SW	17/24 SW	20/28 SW	20/29 SW	19/28 SW
300	5/7 S	6/9 S	7/11 S	7/11 S	8/13 SW	9/15 SW	11/20 SW	11/20 SW	13/22 SW
Valley	3/7 SE	3/9 SE	3/11 S	3/11 S	5/14 S	6/15 SW	7/19 S	8/19 SW	9/20 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/0	4/0	4/-1	2/-3	3/-2	3/-3	1/-5	1/-5	1/-5
300	4/1	4/2	4/1	3/-0	4/2	4/1	3/-1	3/-1	3/-1
Valley	2/1	2/1	2/-0	1/-1	4/2	5/3	3/0	3/-0	3/-0
Freezing Level*	1100m	1100m	1000m	900m	1100m	1100m	1100m	1200m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Freezing level will be above all summits but will fall for a time during the day. Note the significant chill affect in strong winds and cooler air.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 17 Jan 2022	0mm	0.8mm	0.8mm

Forecast for Wednesday 19 Jan 2022

Weather: Outbreaks of rain overnight will clear south by later morning with a fresher cooler feel to follow. Likely to be a lot of bright and dry conditions but perhaps the odd shower in the west. Feeling cold in the strong northwesterly winds with a significant windchill likely.

Maximum wind: Northwesterly 20 mph with gusts 30mph.

Chance of cloud free mountain/hill tops above 600m: 60% initially but improving to 90%, perhaps some patches of lower cloud with passing showers.

Visibility: Occasionally moderate at first but becoming very good for most of the day, dipping slightly in any showers.

Temperature: **Valleys:** Plus 8 Celsius falling to 2 Celsius later.
At 600m: Plus 4 falling to 1 Celsius.
Freezing level: Around 700m.

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